



## MAUL FOSTER ALONGI

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May 11, 2015

Project No. 8128.01.08

Mr. Dana Bayuk

Oregon Department of Environmental Quality

2020 SW 4th Avenue

Portland, Oregon 97201-4987

Re: Monthly Progress Report—April 2015

Siltronic Corporation

7200 NW Front Avenue, Portland, OR

ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is April 1<sup>st</sup>, 2015, through April 30<sup>th</sup>, 2015. The next progress report is due June 10<sup>th</sup>, 2015.

The report organization follows that of previous progress reports.

### **ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT**

#### **Communications and Submittals**

On April 1<sup>st</sup>, MFA submitted a Source Area Groundwater Gradient Evaluation to DEQ.

On April 10<sup>th</sup>, MFA provided an email to DEQ regarding the monitoring well WS-47 installation status. On April 13<sup>th</sup>, MFA provided an email summarizing follow up communications.

On April 15<sup>th</sup>, MFA submitted the Monitoring Wells WS-11 and WS-14 Abandonment Report to DEQ.

On April 23<sup>rd</sup>, MFA submitted a Fill WBZ Trench Design Evaluation Report – Gasco/Siltronic to DEQ.

#### **Fieldwork**

Field activities associated with the WS-47-183 monitoring well installation began on April 6<sup>th</sup> and concluded on April 16<sup>th</sup>. Monitoring well WS-47-183 development was conducted from April 28<sup>th</sup> through April 30<sup>th</sup>.

Quarterly water level measurements were collected on April 27<sup>th</sup> and are included in the attached MS Excel file.

On April 24<sup>th</sup>, measurements of MGP waste DNAPL in WS15-85, WS15-140, WS31-106, WS33-81, WS39-101, and WS43-36 were recorded, and MGP waste DNAPL samples were collected from WS15-85, WS31-106, WS33-81, and WS43-36. Samples were analyzed for volatile organic compounds by U.S EPA Method 8260B, semi-volatile organic compounds by U.S. EPA Method 8270D, total petroleum hydrocarbons (diesel- and gasoline-range) by NWTPH-Dx and NWTPH-Gx, and specific gravity by ASTM D1298. The analytical data results will be included in subsequent progress reports.

Groundwater monitoring of Siltronic wells was conducted in April 2015 consistent with the performance monitoring program. The analytical data results will be included in subsequent progress reports.

Bimonthly soil vapor samples were collected in accordance with the DEQ-approved Revised Soil Vapor and Combustible Gas Evaluation Work Plan dated June 4, 2013. Semi-annual soil vapor samples were collected consistent with the ongoing performance monitoring program. The analytical data results will be included subsequent progress reports.

During April, Siltronic provided access to representatives of Northwest Natural (NW Natural) for work associated with the NW Natural source control measure, as necessary.

## **ACTIONS TO BE TAKEN IN THE NEXT TWO MONTHS**

MFA anticipates that May field activities will include measurement of MGP waste DNAPL in WS33-81.

MFA anticipates that June field activities will include performance monitoring, bimonthly combustible gas measurements, bimonthly soil vapor sampling, and MGP waste DNAPL thickness measurements and sampling at selected wells.

## **TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT**

The attached MS Excel data file contains performance and quarterly monitoring data, and soil vapor data received through the end of the reporting period.

## **PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT**

No problems were experienced since the previous progress report.

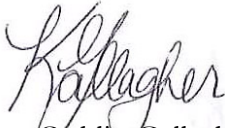
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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



Kerry Cathlin Gallagher  
Project Scientist



James G.D. Peale, RG  
Principal Hydrogeologist

Attachments: MS Excel file (as e-mail attachment)

cc (e-mail only):

Myron Burr, Siltronic Corporation  
Ilene Gaekwad and William Earle; Davis Rothwell Earle & Xochihua  
Chris Reive, Jordan Ramis  
Keith Johnson, DEQ  
Henning Larsen, DEQ  
Matt McClincy, DEQ  
Kristine Koch, EPA  
Sean Sheldrake, EPA  
Rene Fuentes, EPA  
Lance Peterson, CDM  
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